

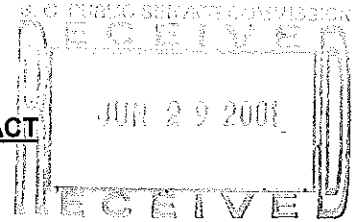
DATE: June 29, 2001

No.: 01-289-E

**APPLICATION FOR CERTIFICATE**

**UTILITY FACILITY SITING AND ENVIRONMENTAL PROTECTION ACT**

**TRANSMISSION LINES AND SUBSTATIONS**



NAME OF APPLICANT: South Carolina Electric & Gas Company

NAME OF LINE: Not Applicable

EXTENDING FROM: \_\_\_\_\_

TO: \_\_\_\_\_

ESTIMATED LENGTH \_\_\_\_\_ FEET

WIDTH OF RIGHT-OF-WAY \_\_\_\_\_ FEET

DESIGN VOLTAGE \_\_\_\_\_ KV

NORMAL CAPACITY: \_\_\_\_\_ MVA

CONDUCTOR: \_\_\_\_\_ KCML \_\_\_\_\_

CONFIGURATION \_\_\_\_\_

TYPES OF STRUCTURES: \_\_\_\_\_

NOMINAL HEIGHT: \_\_\_\_\_ FEET

\_\_\_\_\_

NOMINAL HEIGHT: \_\_\_\_\_ FEET

**NAME OF SUBSTATIONS:** Killian 230/115 KV Substation

**LOCATION:** Near Killian, SC

**TECHNICAL:** DESIGN MVA CAPACITY: 1,195 MVA

DESIGN NOMINAL OPERATING VOLTAGES: PRIMARY 230 KV

SECONDARY 115 KV

**PHYSICAL DESCRIPTION OF SUBSTATION:** A 336 MVA transformer with associated bus, metering, switching equipment, and two (2) 230 KV line terminals will be installed initially. Lot size is approximately 5 acres.

## **AREAS IN WHICH FACILITIES ARE TO BE LOCATED IN SOUTH CAROLINA**

**COUNTIES:** Richland

**MUNICIPALITIES:** None

**NAMES OF NATIONAL OR STATE PARKS OR FORESTS DIRECTLY EFFECTED OR THE NEAREST FACILITY:** None

## **OTHER AREAS TO BE CONSIDERED OR CROSSED**

**DESIGNED HISTORICAL,  
SCENIC, RECREATIONAL:** None

**MAJOR WATERWAYS:** None

**MAJOR HIGHWAYS:** None

## **NEED & NECESSITY**

### **Killian 230/115Kv Substation**

Columbia Northeast (bounded by I-20, US-21 and SC-53) has a total customer load of approximately 130 MW. This load is served through four 115 kV distribution substations (SCRA, Greengate, Sparkleberry, and Sandhill). There is an additional 80 MW of customer load between Blythewood and Winnsboro along the I-77 corridor. All of these substations and the 210 MW of customer load are served from the existing Pineland 230/115 kV substation. In the past, the plan has been for any event in the Pineland Substation that causes the substation to fail or become unavailable, then customer load in the Columbia Northeast area would be served by 115 kV transmission lines coming into the area from the neighboring Denny Terrace Substation (North Columbia) and Columbia Industrial Park Substation (Southeast Columbia). These existing 115 kV transmission lines into the Columbia Northeast area have reached their capacity and can no longer provide backup service for the entire 210 MW.

## **CULTURAL RESOURCES ASSESSMENT**

A review of the records at the South Carolina Institute of Archaeology and Anthropology (SCIAA) found no known or recorded archaeological sites on the proposed substation site and existing transmission line corridor adjacent to the proposed substation site. (See Attached Environmental Assessment Report)

## **SUMMARY OF ENVIRONMENTAL ASSESSMENT**

The proposed substation will not result in any significant environmental impacts on land use, vegetation, wildlife, threatened and endangered species, jurisdictional wetlands, designated floodplains, or floodways. (See Attached Environmental Assessment Report)

PROPOSED SCHEDULE:

Application to be submitted to PSC:	June 29, 2001
Construction to be started:	October 15, 2001
Construction to be completed:	May 1, 2002

WHEREFORE, the Applicant, South Carolina Electric & Gas Company, respectfully requests the Commission to inquire into the matter herein and that the Commission grant Applicant a Certificate of Environmental Compatibility & Public Convenience and Necessity and for such other and further relief as the Commission may deem just and proper under the circumstances.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

By: Brian W. Beltman  
Brian W. Beltman  
Regulatory Affairs  
South Carolina Electric & Gas Company  
Columbia, South Carolina 29218

FOR ADDITIONAL INFORMATION CONTACT:

Vic Hickman  
South Carolina Electric & Gas Company  
Columbia, South Carolina 29218

ATTACHMENTS:

Prints of Description Maps  
Copies of Forwarding Letters to Agencies  
Environmental Assessment

STATE OF SOUTH CAROLINA

COUNTY OF RICHLAND

VERIFICATION

PERSONALLY appeared before me J. Patrick Hudson, who on oath says that SOUTH CAROLINA ELECTRIC & GAS is a corporation and is the Applicant in the within matter; that he/she is Corporate Compliance Officer of said corporation and as such is authorized to make this verification on its behalf; that he/she knows the contents of the foregoing Application for a Certificate of Environmental Compatibility & Public Convenience & Necessity and that the same is true to the best of his/her knowledge, information and belief.

J. Patrick Hudson

SWORN to before me this

28th day of June, 2001

Beverly R. Bann  
Notary Public for South Carolina

My Commission Expires: May 20, 2004

### PUBLIC NOTICE

The South Carolina Electric & Gas Company is making Application to the South Carolina Public Service Commission on about June 29, 2001, for a Certificate of Environmental Compatibility & Public Convenience & Necessity for the construction of a new 230/115 kv substation (known as the Killian Substation) near Killian in Richland County, South Carolina. This application is in accordance with the Code of Laws of South Carolina 1976, Chapter 33, Title 58, as amended entitled "Utility Facility Siting and Environmental Protection Act."

All parties may inspect maps, studies or other documents at South Carolina Electric & Gas Company" offices at 1426 Main Street, Columbia, South Carolina.

Any person wishing to comment on the Application or obtain additional information with regard thereto should contact in writing the South Carolina Public Service Commission, Post Office Box 11649, Columbia, South Carolina 29211, with a copy to Brian Beltman, South Carolina Electric and Gas Company, Eighth Floor, Palmetto Center, 1426 Main Street, Columbia, South Carolina 29218-0002.

LIST OF NEWSPAPERS IN WHICH PUBLIC NOTICE WILL BE PUBLISHED

The State, Columbia, South Carolina

PROOF OF SERVICE

This is to certify that I, Brian W. Beltman, have caused to be mailed this day, one (1) copy of the Application to the South Carolina Public Service Commission by South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility & Public Convenience & Necessity by placing a copy of the same in the care and custody of the United States Postal Service, with proper first-class postage affixed thereto and addressed as follows:

Doug Bryant, Commissioner  
S.C. Department of Health and  
Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

William R. Jennings, Director  
S.C. Dept. of Parks, Recreation &  
Tourism  
1205 Pendleton Street, Suite 248  
Columbia, South Carolina 29201

Dr. Paul Sandifer, Executive Director  
S.C. Department of Natural Resources  
Post Office Box 167  
Columbia, South Carolina 29202

Rodger E. Stroup, Director  
S.C. Dept. of Archives & History  
Post Office Box 11669  
Columbia, South Carolina 29211

Dr. Bruce Rippetean  
Director and State Archaeologist  
S.C. Inst. Of Archaeology & Anthropology  
1321 Pendleton Street  
Columbia, South Carolina 29208-0071

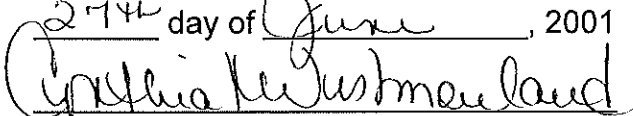
T. Cary McSwain, Administrator  
County of Richland  
P. O. Box 192  
Columbia, South Carolina 29202

Kit Smith, Chairwoman  
Richland County Council  
120 Edisto Avenue  
Columbia, South Carolina 29205



Brian W. Beltman

SWORN to before me this  
27<sup>th</sup> day of June, 2001

  
Notary Public for South Carolina

My Commission Expires: 9-9-01





June 29, 2001

Mr. Doug Bryant  
Commissioner  
S.C. Department of Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Re: Docket No. 2001-\_\_\_\_\_-E

Dear Commissioner Bryant:

Enclosed please find a copy of the Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity in the above-referenced Docket. The Company is providing you with this copy as required by the Facility Siting Act.

Very truly yours,

A handwritten signature in cursive script that reads "Brian W. Beltman".

Brian W. Beltman

BWB:ckw  
Enclosures  
Copies to: All Parties in Proof of Service



June 29, 2001

Dr. Paul Sandifer  
Executive Director  
S.C. Department of Natural Resources  
Post Office Box 167  
Columbia, South Carolina 29202

Re: Docket No. 2001-\_\_\_\_\_-E

Dear Dr. Sandifer:

Enclosed please find a copy of the Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity in the above-referenced Docket. The Company is providing you with this copy as required by the Facility Siting Act.

Very truly yours,

A handwritten signature in cursive script that reads "Brian W. Beltman".

Brian W. Beltman

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Copies to: All Parties in Proof of Service



June 29, 2001

Dr. Bruce Rippeteau  
Director and State Archaeologist  
S.C. Institute of Archaeology & Anthropology  
1321 Pendleton Street  
Columbia, South Carolina 29208-0071

Re: Docket No. 2001-\_\_\_\_-E

Dear Dr. Rippeteau:

Enclosed please find a copy of the Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity in the above-referenced Docket. The Company is providing you with this copy as required by the Facility Siting Act.

Very truly yours,

A handwritten signature in cursive script that reads "Brian W. Beltman".

Brian W. Beltman

BWB:ckw  
Enclosures  
Copies to: All Parties in Proof of Service



June 29, 2001

The Honorable Kit Smith  
Chairwoman  
Richland County Council  
120 Edisto Avenue  
Columbia, South Carolina 29205

Re: Docket No. 2001-\_\_\_\_\_-E

Dear Chairwoman Smith:

Enclosed please find a copy of the Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity in the above-referenced Docket. The Company is providing you with this copy as required by the Facility Siting Act.

Very truly yours,

A handwritten signature in cursive script that reads "Brian W. Beltman".

Brian W. Beltman

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Copies to: All Parties in Proof of Service



June 29, 2001

Mr. William R. Jennings  
Director  
S.C. Department of Parks, Recreation & Tourism  
1205 Pendleton Street, Suite 248  
Columbia, South Carolina 29201

Re: Docket No. 2001-\_\_\_\_\_-E

Dear Mr. Jennings:

Enclosed please find a copy of the Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity in the above-referenced Docket. The Company is providing you with this copy as required by the Facility Siting Act.

Very truly yours,

A handwritten signature in cursive script that reads "Brian W. Beltman".

Brian W. Beltman

BWB:ckw  
Enclosures  
Copies to: All Parties in Proof of Service



June 29, 2001

Mr. Rodger E. Stroup  
Director  
S.C. Department of Archives & History  
Post Office Box 11669  
Columbia, South Carolina 29211

Re: Docket No. 2001-\_\_\_\_\_-E

Dear Mr. Stroup:

Enclosed please find a copy of the Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity in the above-referenced Docket. The Company is providing you with this copy as required by the Facility Siting Act.

Very truly yours,

A handwritten signature in cursive script that reads "Brian W. Beltman".

Brian W. Beltman

BWB:ckw  
Enclosures  
Copies to: All Parties in Proof of Service



June 29, 2001

Mr. T. Cary McSwain  
Administrator  
County of Richland  
P. O. Box 192  
Columbia, South Carolina 29202

Re: Docket No. 2001-\_\_\_\_\_-E

Dear Mr. McSwain:

Enclosed please find a copy of the Application of South Carolina Electric & Gas Company for a Certificate of Environmental Compatibility and Public Convenience and Necessity in the above-referenced Docket. The Company is providing you with this copy as required by the Facility Siting Act.

Very truly yours,

A handwritten signature in black ink that reads "Brian W. Beltman". The signature is written in a cursive, flowing style.

Brian W. Beltman

BWB:ckw  
Enclosures  
Copies to: All Parties in Proof of Service